

Homework p.5 (5-7, 13, 14-22, 25, 26, 40-42)

5. points R, Q, S; point T
6. Point W
7. Yes, through any three points not on the same line there is exactly one plane.
13. b
14. sketches vary
15. sketches vary
16. A
17. Point R
18.  $\overline{FG}$
19.  $\overline{RS}$
20. no; yes
21. yes; yes
22. sample answer; plane PEF, plane PEH, plane HEF
25. sketches vary
26. sketches vary
40. intersecting lines
41. intersection of a line and a plane
42. intersecting planes

